PHOTO LOG Wesco/Lander field
W 13008 SPCC Inspection 6 June 2013

01: Facility ID sign, with no telephone information nor geographic data, details some site safety information.
02: Front (south) view of facility showing perimeter berm wall, sump vault , recycle pump shed and water/oil release siphon. Perspective to northeast.
03: Access roadway coming downhill with recycle pump building and 300 bbl Indian crude oil AST.
04: Sump siphon located at SE corner of containment area of facility, bottom of slope. Photo shows 4' wide by 7'high perimeter berm wall on east side of facility. Siphon designed to allow water to flow on but oil to remain trapped within containment area.
05: Downhill side of siphon, outside containment berm wall., area where water only will exit from siphon if spill occurs. Perspective is south.
06: View of four ASTs, 3 X 500 bbl and 1 X 300 bbl. These ASTs hold crude oil from private land lease. Access road is coming downhill from north, higher elevation facility property.
07: AST battery of eight tanks; 3 X 300 bbls WS tanks holding Indian crude oil, 4 X 500 and 1 X 300 bbl containing crude oil from private property lease land. 300 bbl tank:PA-1 is WS, remainder 500 bbl tanks are BS. (bolted steel tanks).
08: View of tanks: PA-1 (WS), PA-2 and PA-5 both bolted steel. Tank PA-5 is PA system transfer tank.
09: LACT (Lease Automatic Custody Transfer units) for Indian and private land lease oil transfer. Oil sample drums for each type oil in right foreground. Photo shows area just north of tanks shown in photo #8.
10: Additional view of LACT units, with sample oil 55 gallon drums, upslope to right of drums is integrated into perimeter secondary containment system. Perspective is south.
11: New 5000 bbl capacity AST within specific secondary containment basin system. View is uphill in northerly direction.
12: Close up view of new tank #42610 5000 bbl crude oil AST. Looking uphill to the north.
13: Two smaller 400 bbl crude oil tanks also within the basin secondary berm wall. Perspective is north.
14: Plastic piping drains oil out of 5000 bbl AST to unload station below, note valve control unit; two out of service, old produced water ASTs uphill.

15: View of AST #42610 (5000 bbl) and two 400 bbl ASTs within secondary containment basin.
16: Two heater coiled "bad oil" ASTs, with three crude oil ASTs, #1,2,3: left to right in photo, small shed between is anti freeze heat shed. This sector is near the top of the slope of the north-south axis of the facility.
17: Newly installed bolted steel ASTs, at top (north) sector of Lander field site. Perspective is north towards crest of hill.
18: Two insulated heated "bad oil" ASTs, used in crude oil recycle process; located at furthest north sector of Lander field operational site.
19: Drain pipe from secondary containment basin at insulated heater ASTs.
20: View of two new ASTs, with bolted steel water AST in background. Foreground is anti-freeze heat shed utilized in oil cleanup/recycle process.
21: Insulated piping which is part of heated "bad oil" treatment process. Notice sump cover with dual handles within secondary containment area.
22: Insulated pipelines from flare, small heater treater which runs on to "bad oil" treatment system.
23: Anti-freeze heat shed, part of "bad oil" process that cleans out, recycles good oil and produced water.
24: View of three vertical heater treaters; Indian LPU treater 6' x 21' 106 bbl WS in background ; PA West LPU HT #2 251 bbls and PA LPU treater #1 6' x 27' 136bbls. In foreground Indian FWKO 8' x 20' WS 180bbls, then West LPU FWKO #2 10' x 30' 420 bbls. View perspective is to southwest.
25: The three heater treaters in southern perspective. Dirt berm wall to right of photo plus elevated plastic chemical tank which holds 500 gallons.
26: View of two 1000 gallon produced water ASTs, field constructed steel bolted, sitting just above concrete, screened evaporation pit. Shed in foreground is PA (private lands lease) header house, with electronic control panel in view. Perspective is west/sw.
27: Perspective of Indian LPU heater treater looking to northwest with tops of produced water ASTs in background.
28: Perspective to northwest with 2 x 1000 gallon field constructed bolted steel Produced water ASTs and top of header house, as this sector is located below grade of access road and heater treaters.

29: Perspective of incoming piping of produced water, with 2 x 1000 gallon field bolted ASTs, header house with control panel just at right border of photo. Also concrete and wooden pits, working evaporation ponds are visible at left of photo. Perspective is northwest.

30: 400 bbl rusty AST containing (frac tank) skim oil located at southern end of the wooden pit, the second downhill evaporation/storage pond.

31: View of recycle pump building at the west edge of the long pit which is earthen last pit for spills and overflows of produced waters, access to pit guided by secondary containment berm walls. Note lines stretched across aerial of long pit with pennants to discourage waterfowl from landing there if pit becomes flooded . Perspective is south.

32: View of elevated access road going north, 400 bbl frac tank containing skim oil and 2 x 1000 gallon field bolted water tanks.

33: The long pit –emergency containment basin with recycle pump building barely visible at right side of photo. Pit is fenced, has wiring strung across with pennants to discourage any waterfowl landings. Secondary containment berm walls evident to direct any spillage flow directly into pit.

34: Perspective to south, view of long pit; access roads, recycle pump building. Photo taken from side of 400 bbl frac tank containing skim oil.

35: base of 400 bbl frac tank, with oil access valve and hose, drip pan.

36: Two x 1000 gallon field constructed water tanks, SBs-just to north of concrete pit for evaporation process to recycle oils. Note fencing, screen over pit area and sign warning against any truck unloading into pit.

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WESCO/ Lander field W 13008 6 June 2013

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05: Downhill side of siphon, outside containment berm wall, area where water only will exit from siphon if spill occurs. Any water through siphon will end up in Safety pit #14, 4' deep. Perspective is south.

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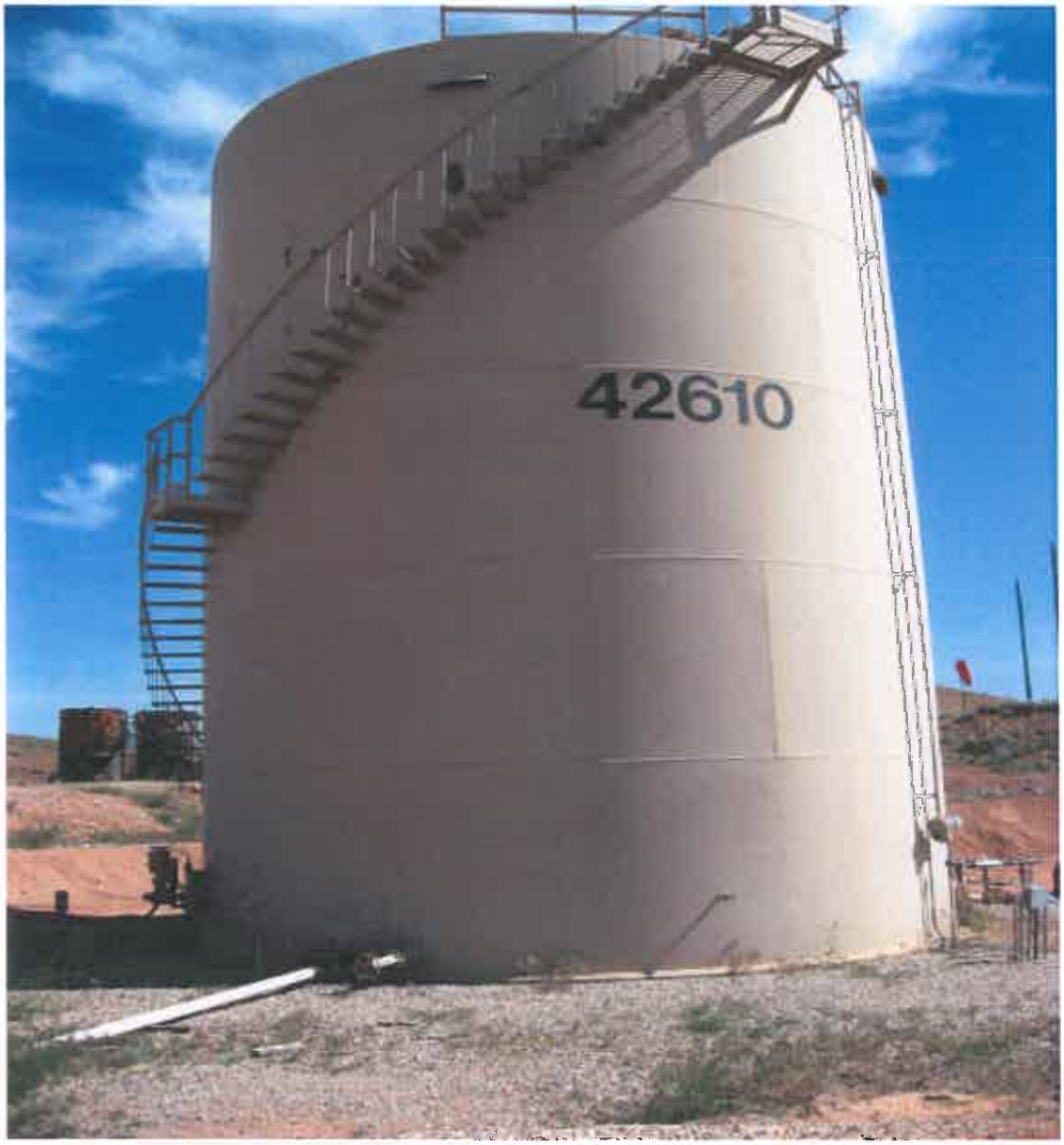

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18: Two insulated heater coiled "bad oil" ASTs formerly used in oil recycle process, located in the northern most sector of the Lander field operational site.
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19: Drain pipe from secondary containment basin at insulated heater ASTs.
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26: View of two 1000 gallon produced water ASTs, field constructed steel bolted, sitting just above the concrete screened evaporation/storage pit. Shed in foreground is PA (private lands lease) header house, with electronic control panel in view. Perspective is west/sw.

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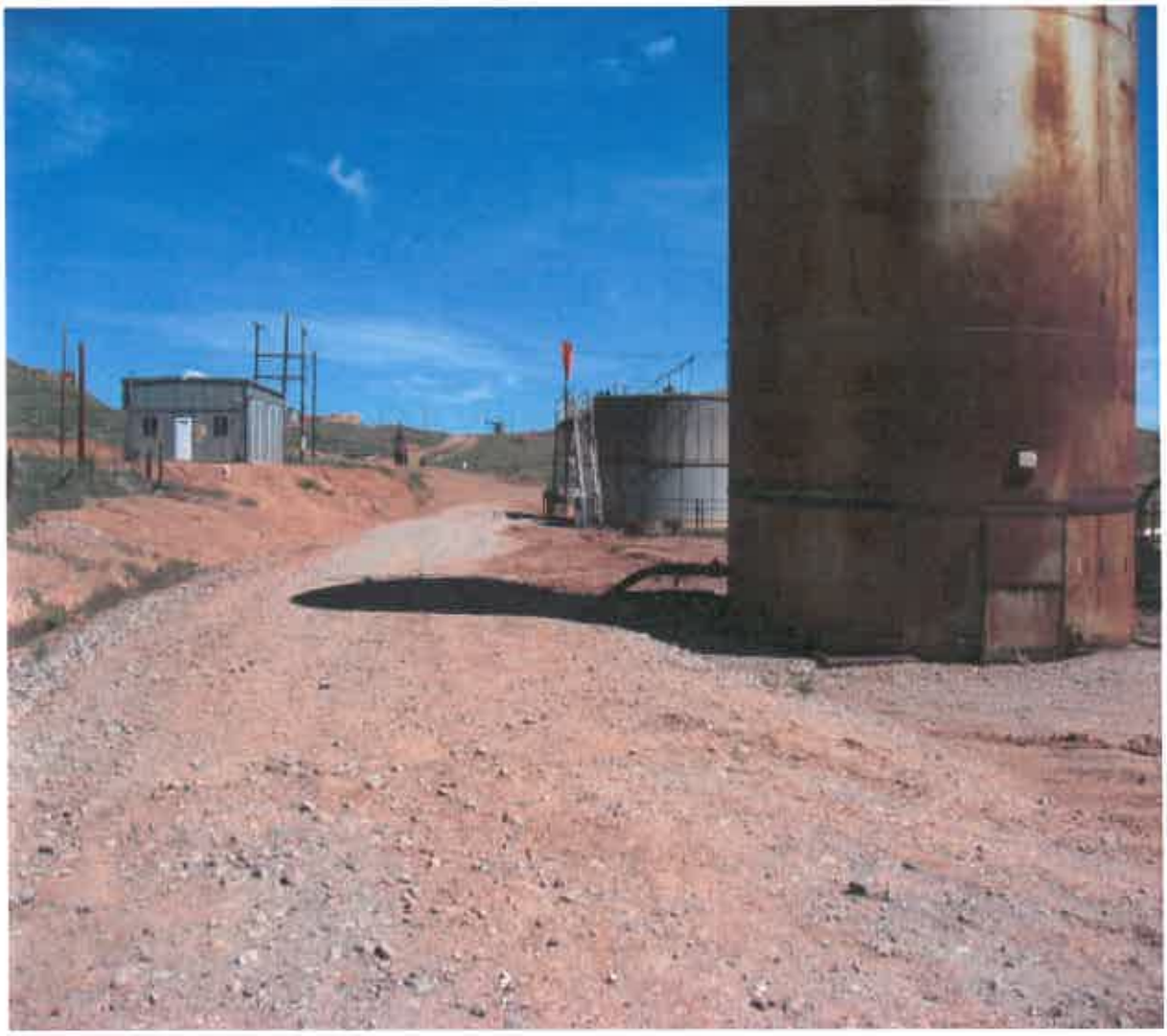

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35: Base of 400 bbl frac tank, with oil access valve and and hose, drip pan.

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36: Two X 1000 bbl field constructed water tanks, SB (steel bolted) just north of concrete pit fpr evaporation/storage process to recycle oils. Note fencing, screen over pit area and sign warning against any truck unloading into pit.

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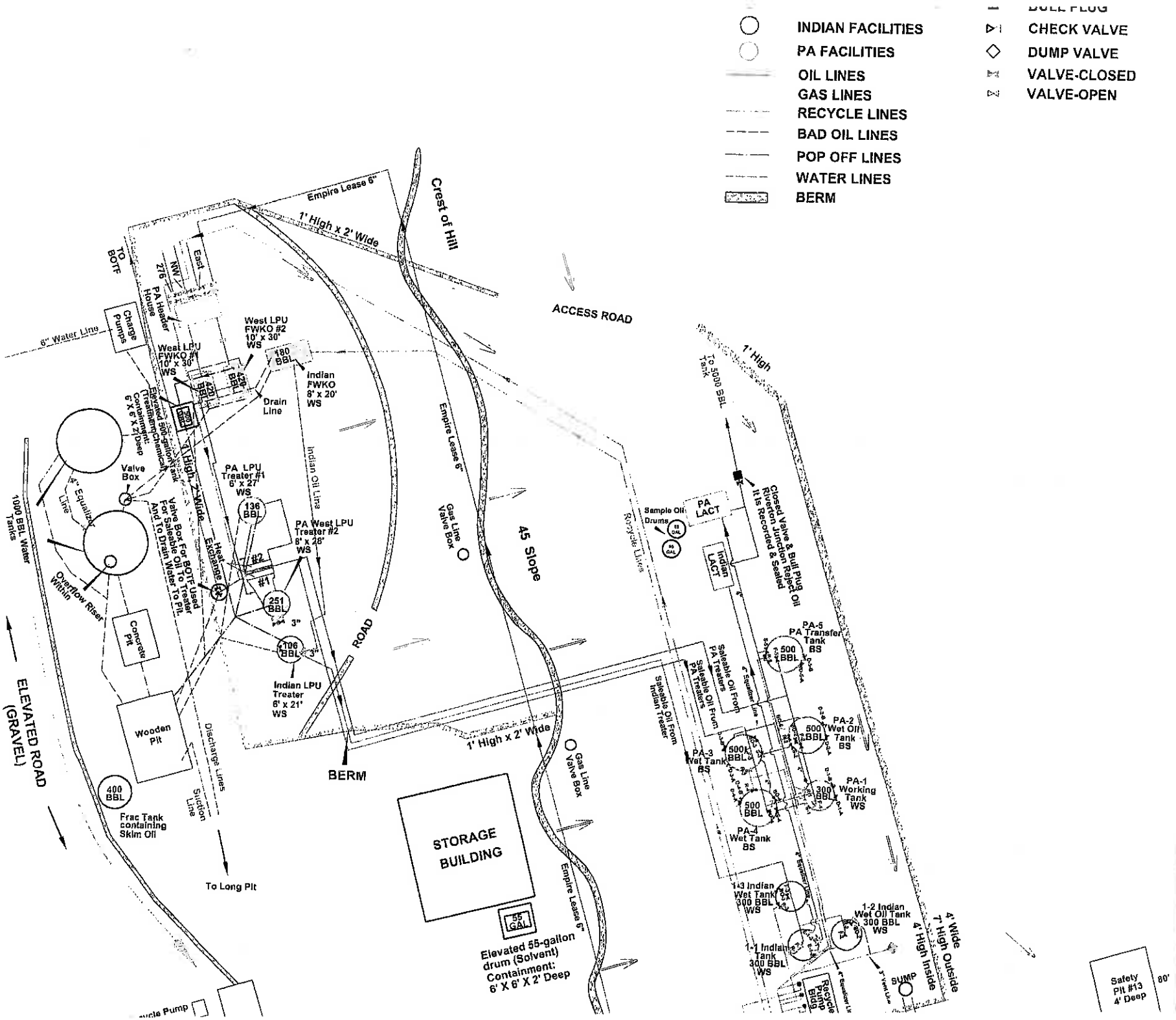
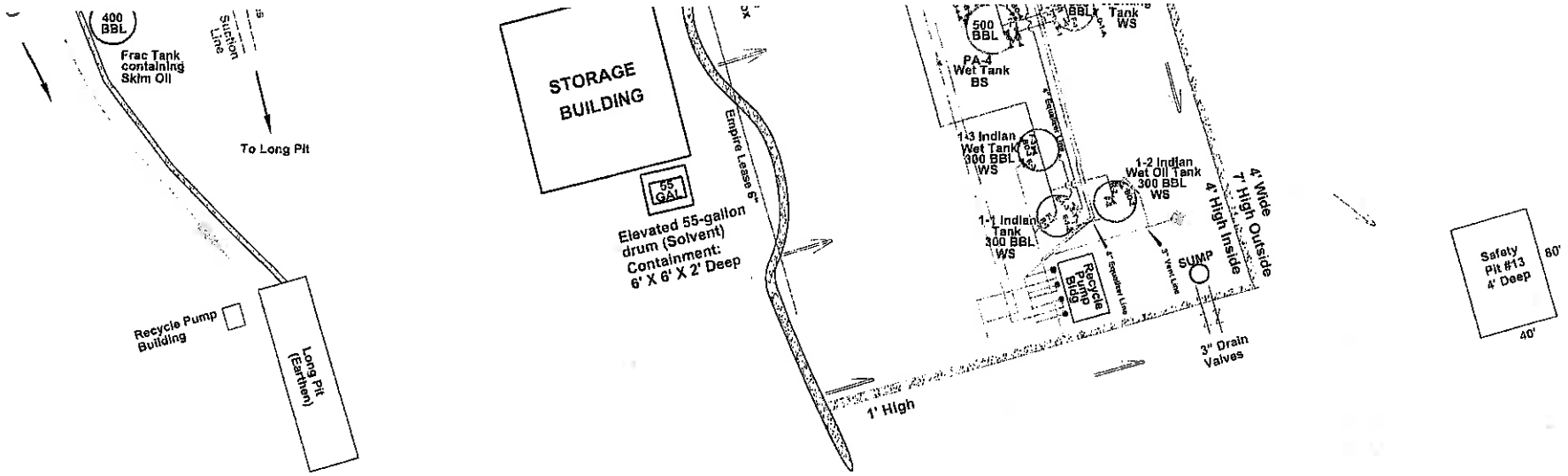

INDIAN FACILITIES
PA FACILITIES
OIL LINES
GAS LINES
RECYCLE LINES
BAD OIL LINES
POP OFF LINES
WATER LINES
BERM
BULL PLUG
CHECK VALVE
DUMP VALVE
VALVE-CLOSED
VALVE-OPEN
Empire Lease 6"
1' High x 2' Wide
Crest of Hill
ACCESS ROAD
TO BOTF
East
NW 276
PA Heater House
Charge Pumps
6" Water Line
West LPU FWKO #2 10' x 30' WS
West LPU FWKO #1 10' x 30' WS
180 BBL
420 BBL
400 BBL
Indian FWKO 8' x 20' WS
Drain Line
Indian Oil Line
Empire Lease 6"
Gas Line Valve Box
Integrated 500-gallon Chemical Containment: 6' X 6' X 2' Deep
Valve Box
4" Equalizer Line
1000 BBL Water Tanks
Overflow Riser Within
Valve Box For BOTF Used For Saleable Oil To Treater And To Drain Water To Pit
PA LPU Treater #1 6' x 27' WS
136 BBL
PA West LPU Treater #2 8' x 28' WS
Heat Exchange
#2
#1
251 BBL
3"
106 BBL
Indian LPU Treater 6' x 21' WS
Concrete Pit
Wooden Pit
Discharge Lines
Suction Line
400 BBL
Frac Tank containing Skim Oil
ELEVATED ROAD (GRAVEL)
To Long Pit
ROAD
45 Slope
BERM
1' High x 2' Wide
Gas Line Valve Box
STORAGE BUILDING
55 GAL
Elevated 55-gallon drum (Solvent) Containment: 6' X 6' X 2' Deep
Empire Lease 6"
1' High
To 5000 BBL Tank
Closed Valve & Bull Plug Rivers on Junction Reject Oil It Is Recorded & Sealed
Sample Oil Drums
PA LACT
Indian LACT
Riverside Lines
PA-5 PA Transfer Tank BS 500 BBL
Saleable Oil From PA Treaters
Saleable Oil From Indian Treater
PA-3 Wet Tank BS 500 BBL
PA-2 Wet Oil Tank BS 500 BBL
PA-1 Working Tank WS 300 BBL
PA-4 Wet Tank BS 500 BBL
1-3 Indian Wet Tank 300 BBL WS
1-2 Indian Wet Oil Tank 300 BBL WS
1-1 Indian Tank 300 BBL WS
4' Wide 7' High Outside 4' High Inside
SUMP
Recycle Pump Bldg
Safety Pit #13 4' Deep
80'



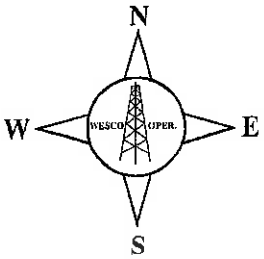
Drainage carries on to two (2) Safety Pits (#1 and #2) located at 42°51'39.649"N., 108°41'28.072"W and 42°51'35.749"N, 108°41'24.052"W.

VALVE KEY
S/O-Normally Sealed Open
S/C-Normally Sealed Closed

INDIAN		PA		PA		PC	
F-1	S/O	F-1	S/O	F-3	S/C	F-5	S/C
R-1	S/O	R-1	S/O	R-3	S/C	R-5	S/C
E-1-2	S/O	D-1-A	S/C	BO-3	S/C	D-5-A	S/C
E-1-3	S/O	D-1-B	S/C	D-3-A	S/C	D-5-B	S/C
S-1	S/O	S-1	S/O	D-3-B	S/C	S-5	S/C
F-2	S/C	F-2	S/C	S-3	S/C	BO-6	S/O
R-2	S/C	R-2	S/C	F-4	S/C		
BO-2	S/O	BO-2	S/O	R-4	S/C		
F-3	S/C	D-2-A	S/C	BO-4	S/C		
BO-3	S/C	D-2-B	S/C	D-4-A	S/C		
R-3	S/C	S-2	S/C	D-4-B	S/C		

VALVES
D - DRAIN
S - SALES
E - EQUALIZER
F - FILL
R - RECYCLE
BO - BAD OIL

The Site Security Plan is located at:
Wesco Operating, Inc.
120 S. Durbin St.
Casper, WY 82601



SCALE: To Fit

WESCO OPERATING, INC.

LANDER FIELD
TANK BATTERY
NWNW Section 30, T2S, R2E
Fremont County, Wyoming

DATE: 1/20/10	ENG: RBL
SCALE: To Fit	DWG: SPCC

NOTE: BS = BOLTED STEEL
WS = WELDED STEEL

SCHEMATIC 1

SEE FIGURE 2 FOR LOCATION.